The oblique impact of a lamina on a fluid. (Cont.)

of a central impact on water of structures, the load-carrying element of which is a lamina. It is assumed that the initial vertical component of the velocity of the lamina v_0 is small by comparison with the constant horizontal component u. It is assumed that the water is incompressible. Such a formulation of the problem leads to the question of the unestablished motion of an infinite fluid about a thin profile with a surface of discontinuity of horizontal velocities attached at the trailing edge. The problem of the unestablished motion of a thin profile with the surface of discontinuity was formulated by Wagner (1) and investigated by Keldysh, M.B. and Lavrentev, M.A. (2) and Sedov, L.I. (3). Sedov first applied the methods of the theory of the unestablished flow about a wing to the problem of unestablished hydro-planing. In this paper, these methods are extended to the case of the unestablished motion caused by the free impact of a lamina on the undisturbed surface of a fluid. There are 4 figures and 7 references, 6 of which are Slavic.

SUBMITTED: November 17, 1956.

AVAILABLE: Library of Congress

Card 2/2

YEGOROV, I. T.

I. T. Yegorov, Cand. Technical Sci. (Leningrad), gave a paper "Hydrodynamische Kraefte am Tragfluegel bei instationaerer Bewegung," at the Shipbuilding Technology Meeting, Warnemuende, GDR, in 1958.

SO: Schiffbautechnik, June 1959, Uncl.

YEGOROV, I. T. (Leningrad)

" Hydrodynamic Forces in the Unsteady Motion of a Wing."

report presented at the First All-Union Congress on Theoretical and Applied Mechanics, Moscow, 27 Jan - 3 Feb 60

S/229/62/000/004/001/003
I006/I206

AUTHOR: Yegorov, I.T., Dr. Technical Sceinces

TITLE: Non steady forces on lifting wings of light speed boats in disturbed conditions

PERIODICAL: Sudostroyeniye, no.4, 1962, 13-14

TEXT: Thin airfoil theory is applied to the calculation of influence of a harmonic wave diturbance at water level upon hydrodynamic lift acting on submerged wings. The theory is applied to the special case of a wing moving with zero angle of attack and zero angular velocity at a depth equal to disturbance wave length. There are 3 figures.

Card 1/1

YEGOROV, I. T. (Cand. Tech. Sci.) (Leningrad)

"Hydrodynamische Kraefte am Tragfluegel bei instationnerer Bewegung," paper presented at the Shipbuilding Technology Meeting, Warnemuende, GDR, 1958

SO: Schiffbautechnik, June 1959

CHUVIKOVSKIY, V.S., referent; NOVOZHILOV, V.V., referent; PERNIK, A.D., referent; YEGOROV, I.T., referent; TITOV, I.A., referent; FIRSOV, G.A., referent; BOYTSOV, G.V., inzh.; BASIN, A.M., referent

Scientific engineering conference on hydromechanics and structural mechanics of ships. Sudostroenie 24 no.7:86-87 Jl '58. (MIRA 11:9)
(Naval architecture--Congresses)

BUN'KOV, M.M., inzh.; YEGOROV, I.T., kand.tekhn.nauk

Ninth Technological Conference on the Theory of Ships. Sudostroenie 27 no.4:81-83 Ap '61. (MIRA 14:3)
(Naval architecture--Congresses)

BUN'KOV, M.M., inzh.; YEGOROV, I.T., doktor tekhn.nauk

Out-of-town Session of the Department on Seaworthiness in the Scientific Technological Society for Shipbuilding. Sudostroenie 28 no.4:83 Ap '62. (MIRA 15:4)
(Naval architecture)

BASIN, M.A.; YEGOROV, I.T.; ISAYEV, I.I.; KRAMAREV, Ye.A.; SADOVNIKOV, Yu.M. (Leningrad)

"Some features of the use of gaseous media to change hydrodynamical characteristics of solids moving in a fluid"

report presented at the 2nd All-Union Congress on Theoretical and Applied Mechanics, Moscow, 29 January - 5 February 1964

L 61861-65 EWT(d)/EWT(l)/EWP(m)/EWT(m)/FA/EPF(n)-2/EWA(d)/T-2/EWA(w)
Pd-1/Pu-4 WW

AM5016673 BOOK EXPLOITATION UR/
629.124.8:502

33
071

YEgorov, Ivan Timofeyevich; Sokolov, Vitaliy Timofeyevich

Hydrodynamics of high-speed vessels (Gidrodinamika bystrokhodnykh sudov) Leningrad, Izd-vo "Sudostroyeniye", 1965. 383 p. illus., biblio. 2100 copies printed.

TOPIC TAGS: hydrofoil, equilibrium flow, unsteady flow, lifting surface force, hydrofoil resistance, hydrofoil lateral stability, air cushion vessel

PURPOSE: This book is intended for use by scientific workers, design engineers, and those specializing in ship's hydromechanics.

COVERAGE: This book reports the results of theoretical investigations of the hydrodynamics of gliding vessels, hydrofoil vessels, and ACV's. Main attention has been devoted to methods of calculating the hydrodynamic characteristics of the lifting surfaces of these ships as well as methods for determining their seaworthiness.

Card 1/3

L 61861-65
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Card 2/3

L 61861-65
AM5016673

SUB CODE: ME SUBMITTED: 12Mar65 NO REF SOV: 053

OTHER: 026

Card 3/3

L 08195-67 EWT(c)/EWT(l)/EWT(m)/EWP(w)/EWP(c)/EWP(k) IJP(c) EM

ACC NR: AP6030122 SOURCE CODE: UR/0421/66/000/004/0181/0185

43

AUTHOR: Yegorov, I. T. (Leningrad)

ORG: none

TITLE: Unsteady state motion of a system of thin submerged hydrofoils

SOURCE: AN SSSR. Izvestiya. Mekhanika zhidkosti i gaza, no. 4, 1966, 181-185

TOPIC TAGS: unsteady flow, hydrofoil, fluid flow

ABSTRACT: The article treats the unsteady state motion of a thin hydrofoil submerged under the free surface of a liquid to a depth h (see Fig. 1).

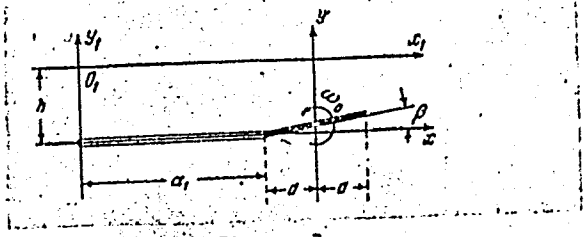

Figure 1.

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L 08195-67

ACC NR: AP6030122 1

It is assumed that the hydrofoil is a flat plate with a chord (-a, a) inclined to the flow at a small angle of attack β. The hydrofiol moves with a velocity u_0 in a positive direction with respect to the real axis. There are also vertical and rotational perturbations, with the small velocities y' and ω_0, respectively. Assuming that the motion of the hydrofoil starts from a position of rest, and neglecting in the Lagrange integral the ponderability and the quadratic absolute velocities of the motion of the liquid, we get for the potential of the velocity φ on the free surface the following boundary conditions: $\varphi = 0$ for $y = 0 \ (-\infty < x < \infty)$ (1.1)

The author proceeds to the solution of the problem on the above basis. Orig. art. has: 25 formulas and 5 figures.

SUB CODE: 20/ SUBM DATE: 27Feb66/ ORIG REF: 004/ OTH REF: 002

Card 2/2 dda

YEGOROV, I.V., master

Operation and repair of the No. 222 engineer's brake valve. Elek. i tepl. tiaga 3 no.4:13-15 Ap '59. (MIRA 12:7)

1.Avtomatnyy ysekh elektrovoznogo depo Moskva III, Severnaya doroga.
(Electric railroads--Brakes--Maintenance and repair)

YEGOROV, I.V.; ZOLOTAREV, A.M.

Practical training in a one-year agricultural school. Veterinariia 30 no.9:7-8 S '53. (MLRA 6:8)

1. Direktor Georgiyevskoy gosudarstvennoy odnogodichnoy sel'skokhozyaystvennoy shkoly po podgotovke mladshikh veterinarnykh fel'dsherov (for Yegorov). 2. Zaveduyushchiy uchebnoy chast'yu shkoly (for Zolotarev).

YEGOROV, I.V.

Possibility of using chloroform in current anesthesiological practice. Khirurgiia 39 no.7:54-62 Jl'63 (MIRA 16:12)

1. Iz kafedry obshchey khirurgii (zav. -- prof. V.A. Ivanov) lechebnogo fakul'teta II Moskovskogo gosudarstvennogo meditsinskogo instituta imeni N.I.Pirogova na baze 13-y Gorodskoy klinicheskoy bol'nitsy Moskvy (glavnyy vrach N.A.Nikolayeva).

YERMOLOV, A.S.; KREYNDLIN, Yu.Z.; YEGOROV, I.V.; BOCHAVER, O.S.; KAL'TER, I.S.

Use of indirect cardiac massage in clinical practice. Khirurgiia 40 no.7:36-40 Jl '64. (MIRA 18:2)

1. Kafedra obshchey khirurgii lechebnogo fakul'teta (zav. - prof. V.A. Ivanov) II Moskovskogo gosudarstvennogo meditsinskogo instituta imeni Pirogova.

L 1653-66 EWT(m)/EWP(t)/EWP(k)/EWP(b)/EWA(c) JD/HW

ACCESSION NR: AP5021620 UR/0286/65/000/013/0101/0101
621.979.984.002.54

AUTHOR: Shofman, L. A.; Gedymin, Yu. Yu.; Rozhkov, V. M.; Sterikov, V. S.; Kryuchkov, M. N.; Davydov, G. M.; Akhmetshin, M. A.; Kvitnitskiy, A. N.; Rogozinskiy, A. A.; Feygin, V. I.; Yegorov, I. V.; Roytberg, L. Kh.; Yermanok, M. Z.; Rodionov, A. S.

TITLE: Method for tube extrusion. Class 49, No. 172601

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 13, 1965, 101

TOPIC TAGS: metal, metal tube, metal extrusion, tube extrusion

ABSTRACT: This Author Certificate introduces a method for tube extrusion from solid ingots. In this method the metal is first divided into several stripe which are subsequently welded in the next die. In order to reduce the extrusion pressure, the diameter of the ingot should be smaller than that of the extruded tube. [AZ]

ASSOCIATION: none

SUBMITTED: 30Jan62 ENCL: 00 SUB CODE: MM

NO REF SOV: 000 OTHER: 000 ATD PRESS: 4093

Card 1/1 DP

L 1655-66 EWT(d)/EWT(m)/EWP(v)/EWP(t)/EWP(k)/EWP(h)/EWP(b)/EWP(l)/EWA(c)
JD/HW
ACCESSION NR: AP5021621

UR/0286/65/000/013/0102/0102
621.979.984.002.56

AUTHOR: Shofman, L. A.; Gedymin, Yu. Yu.; Rozhkov, V. M.; Starikov, V. B.; Kryuchkov, M. N.; Davydov, G. V.; Akhmetshin, M. K.; Kvitnitskiy, A. N.; Rogozinskiy, A. A.; Feygin, V. I.; Yegorov, I. V.; Roytberg, L. Kh.; Yermanok, M. Z.; Rodionov, A. B.

TITLE: Tool for extruding of tubes. Class 49, No. 172602

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 13, 1965, 102

TOPIC TAGS: tube, metal tube, tube extrusion, extrusion tool, extrusion press

ABSTRACT: This Author Certificate introduces a tool for the extrusion of tubes from solid ingots, i.e., container, mandrel, welding chamber, and die. In order to increase the rigidity of individual tools and ensure their precise position in relation to one another, thereby improving the accuracy of the extruded tubes, the mandrel is rigidly mounted in relation to the container; it carries an internal die and is provided with a central compartment for the ingot. Radial canals connect this compartment with the welding chamber, which is formed between container wall and the mandrel surface. [AZ]

Card 1/1

L 1655-66
ACCESSION NR: AP5021621

D

ASSOCIATION: none

SUBMITTED: 31Jan62 ENCL: 00 SUB CODE: MM

NO REF SOV: 000 OTHER: 000 ATD PRESS: 4095

Card 2/2

YEGOROV, I.V. (Leningrad)

Deep soil stabilization by urea formaldehyde resin. Osn., fund. i mekh. grun. 7 no.5:1-3 '65. (MIRA 18:10)

ACC NR: AP6021444 SOURCE CODE: UR/0413/66/000/011/0050/0051

INVENTOR: Yegorov, I. V.

ORG: none

TITLE: A method for melting the surfaces of objects made of refractory metals. Class 21, No. 182264

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 11, 1966, 50-51

TOPIC TAGS: metallurgy, metallurgic process, metal industry, electric arc, induction melting

ABSTRACT: This Author Certificate presents a method for melting the surfaces of objects made of refractory metals. To improve the quality of the objects, the melting is accomplished by two forms of heating — by induction melting and by electric arc.

SUB CODE: 13/ SUBM DATE: 22Nov62

Card 1/1 UDC: 621.365.69

YEGOROV, I.Ye.; VISHNEVETSKIY, I.M., glavnyy inshener.

Ways of improving Moscow's elevator industry. Gor.khoz.Mosk.30 no.6:21-25 Je '56. (MLRA 9:9)

1.Upravlyayushchiy trestom "Liftremont" (for Yegorov).
(Moscow--Elevators)

YEGOROV, I.Ye.; VISHNEVETSKIY, I.M., inzh.

Renovation of elevators in Moscow. Gor. khoz. Mosk. 32 no.8:13-16 Ag '58. (MIRA 11:9)

1. Upravlyayushchiy trestom "Liftremont" (for Yegorov).
(Moscow--Elevators)

YEGOROV, I.Ye.; VISHNEVETSKIY, I.M.; GREYMAN, Yu.V.

New equipment for elevators. Gor.khoz.Mosk. 36 no.1:15-19 Ja '62. (MIRA 16:1)

(Elevators)

YEGOROV, I.Ye.; VISHNEVETSKIY, I.M.

The elevator system and its needs. Gor. khoz. Mosk. 37 no.11: 19-23 N '63. (MIRA 17:1)

1. Upravlyayushchiy trestom "Liftremont" Moskovskogo gorodskogo zhilishchnogo upravleniya (for Yegorov). 2. Glavnyy inzhener tresta "Liftremont" Moskovskogo (for Vishnevetskiy).

YEGOROV, K., kand.tekhn.nauk

Automatically controlled grab gantry cranes. Rech. transp. 19 no. 6:39-40 Je '60. (MIRA 14:2)
(Cranes, derricks, etc.) (Automatic control)

YEGOROV, K., kand.tekhn.nauk

Experience in operating an arrangement for the automatic racing of electric motors on cranes. Rech.transp. 21 no.11:16-18 N '62. (MIRA 15:11)
(Cranes, derricks, etc.--Electric driving) (Automatic control)

YEGOROV, K., kand.tekhn.nauk; KHABENSKIY, M., kand.tekhn.nauk

Drives with electromagnetic powder sliding sleeves. Rech. transp. 22 no.2:15-17 F '63. (MIRA 16:5)
(Couplings--Testing) (Electric cranes)

YEGOROV, K., obshchestvennyy trener

Obligations of society members. Kryl. rod. 15 no.4:[illegible] [illegible]
(MIRA [illegible])

1. Tul'skiy aeroklub.

LIVYY, G.V.; GAL'PEROVICH, M.G.; VASILYUK, N.Z.; SOPRIKO, A.Ye.; KAZARINA, N.I.; CHURINA, V.I.; GIL'MAN, B.A.; YEGOROV, K.A.; GONCHAR, Ye.G.

Method of refining the skin side of fur articles made with low grade peltry; Soviet Certificate of Inventions No.147290. Kozb.-obuv.prom.. 4 no.8:43 Ag '62. (MIRA 15:8)
(Fur industry—Technological innovations)

YEGOROV, K. A.

Mekhanizatsiia transporta osnovnykh tsekhov mashinostroitel'nykh zavodov. Moskva, Mashgiz, 1949. 179 p. diagrs.

Bibliography: p. (174)

Mechanizing the transportation in the principal shops of machine-building plants.

DLC: TJ1350.E49

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

YEGOROV, KRONIG ALEKSEEVICH.

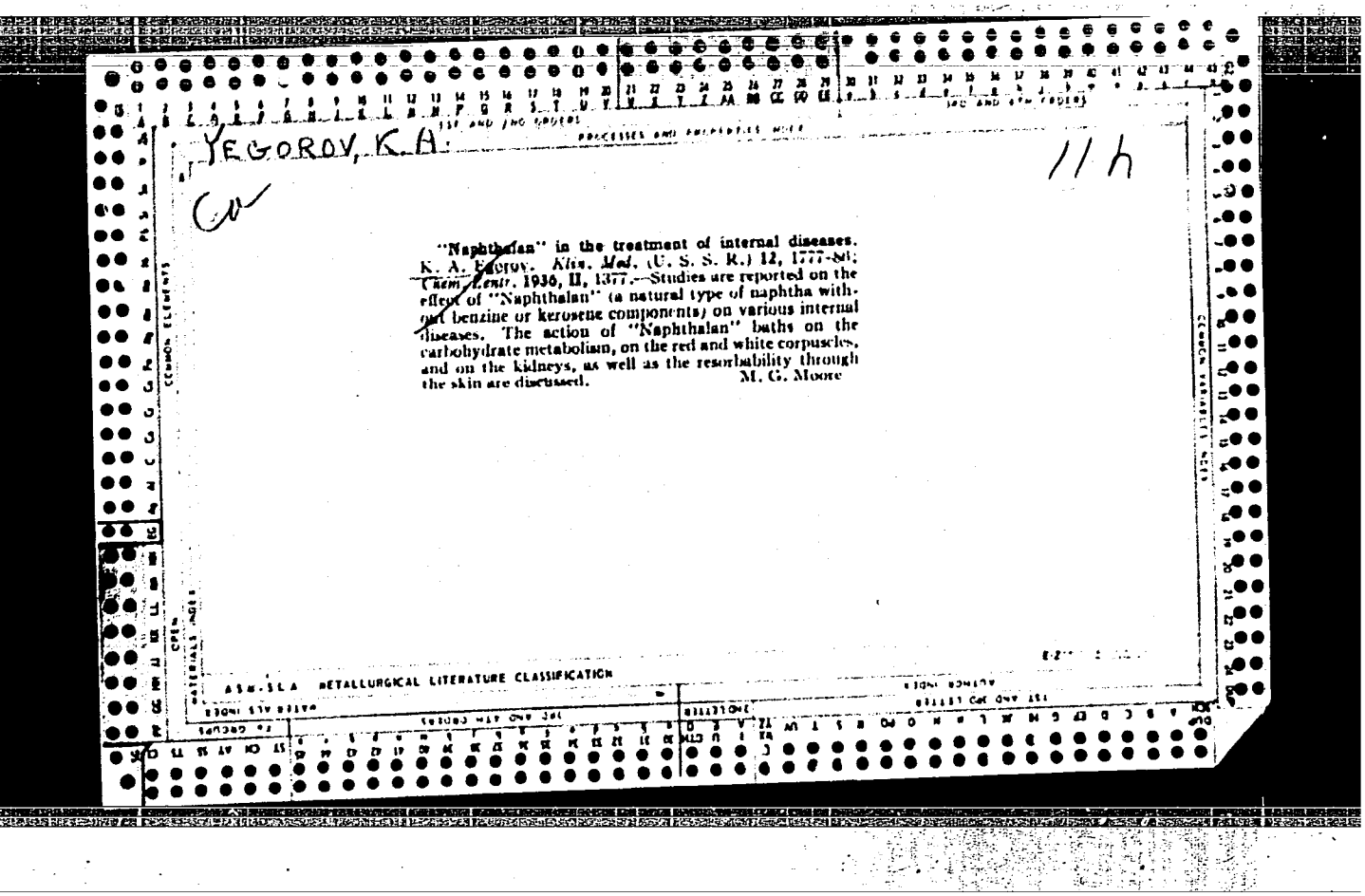
Mekhanizatsiia pogruzochno-razgruzochnykh rabot v metallurgii. Leningrad, Metallurgizdat, 1949. 267 p. illus.

Bibliography: p. (260)-263.

Mechanization of loading and unloading operations in metallurgical plants.

DLC: TJ1350.E48

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.



YEGOROV, K.A.

11h

"Naphthalan" in the treatment of internal diseases. K. A. Egorov. *Klin. Med.* (U. S. S. R.) 12, 1777-80; *Chem. Zentr.* 1936, II, 1377.—Studies are reported on the effect of "Naphthalan" (a natural type of naphtha without benzine or kerosene components) on various internal diseases. The action of "Naphthalan" baths on the carbohydrate metabolism, on the red and white corpuscles, and on the kidneys, as well as the resorbability through the skin are discussed. M. G. Moore

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

YEGOROV, K. A.

Osnovy mekhanizatsii pogruzochnorazgruzochnykh rabot v metallurgii (Principles of the mechanization of loading and unloading operations in metal industry) Izd. 2., perer. i dop. Moskva, Metallurgizdat, 1952. 430 p. illus., diagrs., tables. "Literatura": p. (422)-423.

SO: N/5
741.5
.Y4
1952

YEGOROV, Kronid Alekseyevich, dotsent, kandidat tekhnicheskikh nauk; SIDOROV, V.N., redaktor; EVENSON, I.M., tekhnicheskiy redaktor.

[Railroad transportation for industrial enterprises; a general course] Zheleznodorozhnyi transport promyshlennykh predpriiatii; obshchii kurs. Moskva, Gos. nauchno-tekhnicheskoe izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1955.382 p.
(Railroads) (MLRA 9:5)

YEGOROV, K.A., kandidat tekhnicheskikh nauk.

Remote control of gantry cranes. Mech.transp.14 no.10:17-19 O '55. (MLRA 9:1)

1.Nachal'nik laboratorii mekhanizatsii i avtomatizatsii gruzovykh rabot TSentral'nogo nauchno-issledovatel'skogo instituta MVT.
(Cranes, derricks, etc.) (Remote control)

YEGORCV, KHCNID ALEKSEYEVICH

N/5
755
.Y7

ZHELENODOROZHNYY TRANSPORT PROMYSH-LENNYKH PRIDPRIYATIY. (RAILWAY TRANSPORT IN INDUSTRIAL ENTERPRISES) MOSKVA, METALLURGIZDAT, 1955
382 p. ILLUS., DIAGRS.,

YEGOROV, K., kandidat tekhnicheskikh nauk.

Semiautomatic and remote control of gantry cranes by means of switch control panels. Mor.flot 16 no.5:7-10 My '56. (MLRA 9:8)

1. TSentral'nyy nauchno-issledovatel'skiy institut ekonomiki i ekspluatatsii vodnogo transporta.
(Cranes, derricks, etc.) (Remote control)

YEGOROV, K.A.

YEGOROV, K.A., kand.tekhn.nauk.

Automatizing the operation of clam-shell winches on electric cranes. Rech.transp. 16 no.9:32-34 S '57. (MIRA 10:12)
(Winches) (Automatic control)

AUTHOR: Yegorov, K.A., Candidate of Technical Sciences 118-58-5-12/18

TITLE: Methods of Automation of Loading-Unloading Work (Puti avtomatizatsii pogruzochno-razgruzochnykh rabot)

PERIODICAL: Mekhanizatsiya Trudoyëmkikh i Tyazhëlykh Rabot, 1958, Nr 5 pp 34 - 36 (USSR)

ABSTRACT: The automation of loading and unloading operations is lagging behind the automation of production processes. At present, complex automation can be carried out only for loose goods - coal, grain, cement, etc., and only under certain conditions, can partial automation be realized for other type goods. The author then turns to the work of devices for continuous and cyclic operations. For the most part, the former consists of several conveyers working in succession, and the automatic control of the electric motors of these machines. With a great number of machines, the control of the installation can be centralized by using low-voltage boards and intermediate amplification. The first stage of automating the work of electrical machines of cyclic operation is the automation of crane electric drive and conversion to key control with intermediate amplification. The first cranes converted to semi-automatic key con-

Card 1/2

trol have been designed by the Laboratory for Automation of Loading Work of the Tsentral'nyy nauchno-issledovatel'skiy institut ekonomiki i ekspluatatsii vodnogo transporta (TsNIIEVT) (Central Scientific Research Institute of the Water Transport Economy and Exploitation). They are operating in the Moscow southern and the Leningrad commercial harbours. The key control system with intermediate amplification gives, in case of need, a safe remote-control from a portable desk. The next stage of automation of grab crane control is the automation of grab winch work. Cranes with complete automation of inner-cycle operation are still being experimented upon. A brake has been designed by the Laboratory of Loading Work Automation of the TsNIIEVT by which a railroad car can be stopped exactly at the point where it is to be discharged or loaded. This is done by a remote control maneuvering hoist, furnished with a brake.
There is one drawing and 1 photo.

AVAILABLE: Library of Congress

Card 2/2 1. Cargo-Handling-Automation 2. Cargo handling-Equipment

SMIRNOV, Ye.V., kand.tekhn.nauk; YEGOROV, K.A., kand.tekhn.nauk

Tasks and methods of mechanizing and automating loading and unloading operations at river ports. Mech.transp. 17 no.10:19-21 O '58. (MIRA 11:12)

(Loading and unloading) (Harbors)

YEGOROV, K.

Combined control key for gantry cranes with two panels. Mor.flot 18 no.3:11-14 Mr '58. (MIRA 11:4)

1. Nachal'nik laboratorii avtomatizatsii gruzovykh rabot TSentral'nogo nauchno-issledovatel'skogo ekonomiki i ekspluatatsii vodnogo transporta.
(Cranes, derricks, etc.) (Automatic control)

SMEKHOV, Anatoliy Alekseyevich, kand.tekhn.nauk. Prinimal uchastiye YEGOROV, K.A., kand.tekhn.nauk. YEFIMOV, G.P., red.; MEDVEDEVA, M.A., tekhn.red.

[Principles of the automatization of loading and unloading operations] Puti avtomatizatsii pogruzochno-razgruzochnykh rabot. Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-va putei soobshcheniia, 1960. 113 p. (MIRA 13:9)
(Loading and unloading) (Automatic control)
(Railroads--Freight)

YEGOROV, Kronid Alekseyevich; REYNGOL'DT, Yu.A., retsenzent; MEKLER, A.G., red.; LOBANOV, Ye.M., red.izd-va; BODROVA, V.A., tekhn.red.

[Automatic control of loading and unloading machines and equipment in harbors] Avtomatizatsiia upravleniia portovymi peregruzochnymi mashinami i ustanovkami. Moskva, Izd-vo "Rechnoi transport," 1960. 167 p. (MIRA 13:11)
(Harbors--Equipment and supplies)
(Cargo handling--Equipment and supplies)

YEGOROV, K.A., kand.tekhn.nauk; KHABENSKIY, M.Ya., kand.tekhn.nauk

Automated started of asynchronous motors with a phase rotor using electronic starting devices. Prom. energ. 15 no.12:15-17 D '60. (MIRA 13:12)

(Electric motors, Induction--Starting devices)

YEGOROV, K.D.

G.M. Krzhizhanovskii and soviet science on economic zoning. (MIRA 16:10)
Obshch. energ. no.6:6-13 '63.

(Krzhizhanovskii, Gleb Maksimilianovich, 1872-)
(Economic zoning)

Egorov, Konstantin Dmitrievich, ed. ... Proizvoditel'nye sily Tsentral'no-promyshlennoi oblasti. Trudy Oblastnoi konferentsii po izucheniiu estestvenno-proizvoditel'nykh sil TSO. 2-11 fevralia 1924 g. Pod obshchei red. K.D. Egorova. Moskva, Izd-vo Gosplana SSSR, 1925. ix, 372 p. /Russia (1923- U.S.S.R.) Gosudarstvennaia planovaia komissiia/ Trudy Gosplana, kn. V)

DLC. HC335.E4

SO: LC, Soviet Geography, Part I, 1951, Uncl.

YEGOROV, Konstantin Dmitrievich.

EGOROV, Konstantin Dmitrievich. Ekonomika raionov SSSR. Moskva, Gosizdat, 1928. 78 p.
DLC: HC335.E37

SO: LC, Soviet Geography, Part I, 1951, Uncl.

LEONOV, Leonid Ivanovich; YEGOROV, K.D., redaktor; LAVRENT'YEVA, Ye.V., redaktor.

[In high latitudes; notes of a naturalist] V vysokikh shirotakh; zapiski naturalista. Moskva, Gos. izd-vo geogr. lit-ry, 1953. 119 p. (MLRA 7:7)
(Arctic regions— Zoogeography)

YEGOROV, Konstantin Dmitriyevich; USPENSKAYA, N.V.; ISLENT'YEVA, P.G., tekhnicheskiy redaktor.

[The courageous polar explorer, G.IA.Sedov] Otvazhnyi poliarnyi issledovatel' G.IA.Sedov. Moskva, Izd-vo "Znanie," 1954. 21 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, no.30) (MLRA 7:8)
(Sedov, Georgii IAkovlevich, 1877-1914) (Arctic regions)

YEGOROV, Konstantin Dmitriyevich; MOSHKIN, A.S., red.; VOIKOV, I.V., tekhn. red.

[For the Russian North; history of the conquest of the Russian North and the struggle with foreign aggressors over the northern sea route] Za russkii Sever; iz istorii osvoeniia russkogo Severa i bor'by s inozemnymi agressorami za severnye morskie puti. Murmansk, Knizhnaia red. "Poliarnoi pravdy," 1957. 104 p. (MIRA 11:10)
(Arctic regions)

YEGOROV, K.D., kand.ekon.nauk; TROSHINA, A.P.; KOVALEV, P.P.; NOVIKOVA, A.A.; LAGUTINA, M.V.; VOLNINA, N.A.; SHESTAKOVA, R.V.; AKIMCHENKO, O.Ye.; KULEBAKIN, V.S., akademik, red.; VEYTS, V.I., red.; BUTENKO, A.F., kand.filosof.nauk, red.; RYBINSKIY, M.I., red.; CHASHNIKOVA, M.V., red.; NIZHNYAYA, S., red.; VOSKRESENSKAYA, T., red.; CHEKHUTOVA, V., red.; RKLITSKAYA, A.D., red.; CHEPELEVA, O., tekhn.red.

[Works of the State Commission for the Electrification of Russia; documents and materials] Trudy Gosudarstvennoi komissii po elektrifikatsii Rossii GOELRO; dokumenty i materialy. Red.komissiia: V.S.Kulebakin and others. Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1960. 306 p. (MIRA 14:2)

1. Russia (1917- R.S.F.S.R.) Gosudarstvennaya komissiya po elektrifikatsii Rossii. 2. Chlen-korrespondent AN SSSR (for Veyts). (Electrification)

YEGOROV, K.D., kand. ekon. nauk; ALEKSANDROVA-ZAORSKAYA, V.V., doktor ekon. nauk, prof.; STEPANOV, P.N., doktor geogr. nauk, prof.; KULEBAKIN, V.S., akademik, red.; KRUZHILIN, G.N., red.; FEDOROV, A.G., red.; RYBINSKIY, M.I., red.; CHASHNIKOVA, M.V., red.

[Materials on the electrification of individual districts] Materialy po elektrifikatsii otdel'nykh raionov; trudy. Moskva, Izd-vo "Nauka," 1964. 299 p. (MIRA 17:4)

1. Russia (1917- R.S.F.S.R.) Gosudarstvennaya komissiya po elektrifikatsii Rossii. 2. Chlen-korrespondent AN SSSR (for Kruzhilin).

YEGOROV, K.F., kand.yurid.nauk

Legal consequences of the deviation of sea freighters from their course. Inform.sbor.TSNIIMF no.34:36-43 '58. (MIRA 14:3)
(Maritime law)

YEGOROV, K.G.

В. В. Штагер

Электронная АТС на 10 номеров с пространственным разделением каналов

Г. А. Новиков

Использование элементов бесконтактной коммутации в цепях управления координатными АТС.

О. Н. Иванова

Анализ бесконтактных схем пробы при свободном и вынужденном искании для механоэлектронных АТС.

М. П. Певзнер

Некоторые дополнительные возможности образования электронных АТС.

В. А. Гринкевич,
З. С. Коханова

Анализ бесконтактных способов подключения соединительных линий к регистрам.

9 июня

(с 18 до 22 часов)

В. А. Голинский

Аппаратура открытой автоматической междугородной телефонной связи.

Г. П. Бочаров

О методах решения систем уравнений состояния для внутриузловых телефонных сетей

Г. З. Максимов

Применение бесконтактных элементов для коммутации в аппаратуре КРР.

10 июня

(с 10 до 16 часов)

К. П. Егоров [illegible] UHF

Новая система уплотнения линий внутрирайонной связи.

С. С. Коган

Магнитострикционные фильтры для многоканальных систем дальней связи

А. К. Осипов

Нелинейные помехи в междугородном канале коаксиального кабеля при совместной передаче телефонных и телевизионных сигналов

А. Ф. Уфимцев

Синтез электрических фильтров по рабочим параметрам.

Report submitted for the Centennial Meeting of the Scientific Technological Society of Radio Engineering and Electrical Communications im. A. S. Popov (VNORiE), Moscow, 8-12 June, 1959

YEGOROV, K. I.

Torgovlya Grammofonnymi Plastinkami (Trade in Gramaphone Records, By) K. I. Yegorov, D. S. Maksimov (1) I. M. Sizov. Moskva, Gostorgizdat, 1952.
79 P. Illus., Diagrs., Tables (V Pomoshch' Prodavtsu i Zaveduyushchemu Sektsiyey Promtovarnogo Magazina).

SO N/5
749.4
.Y4

SEKT, P.Yo.; TESLENKO, F.F.; GAYEVOY, A.A.; GIMEL'SHTEYN, T.Ye.; YEGOROV, K.N.; LITVINENKO, M.S.

Revision of the existing prices of coke chemicals and coke-oven gas. Koks i khim. no.2:47-50 '61. (MIRA 14:2)

1. Khar'kovskiy inzhenerno-ekonomicheskiy institut (for Sekt, Teslenko). 2. Giprokoks (for Gayevoy, Gimel'shteyn, Yegorov). 3. Khar'kovskiy nauchno-issledovatel'skiy uglekhimicheskiy institut (for Litvinenko).
(Coke industry--By-products) (Chemicals--Prices)
(Coke-oven gas--Prices)

YEGOROV, K.N.

Shortcomings of the actual price list for coal fuel. Koks i khim. no.4:50-53 '61. (MIRA 14:3)
(Coal--Prices)

AGAIETSKIY, P.N., laureat Stalinskoy premii; YEGOROV, K.N.

Using balance arm as a measuring instrument in the investigation of knife support systems of pendulum instruments. Trudy VNIIM no.11:18-30 '50. (MIRA 11:6)

(Pendulum)

AGALETSKIY, P.N.; YEGOROV, K.N.

Results of investigations conducted at the Leningrad Scientific Research Institute of Metrology to determine the absolute gravitational acceleration. Izm.tekh.no.6:29-34 N-D '56. (MIRA 10:1)

(Gravity--Measurement)

AGALETSKIY, B.M.; YEGOROV, K.N.; MARTSINYAK, A.I.; YANOVSKIY, B.M., prof. red.; ARUTYUNOV, V.O., doktor tekhn.nauk, prof., otvetstvenny red.; MATVEYEVA, A.Ye., tekhn.red.

[Absolute determination of the acceleration of gravity at the All-Union Scientific Research Institute of Metrology.] Absoliutnye opredeleniia uskoreniia sily tiazhesti v punke VNIIM. Moskva, Gos. izd-vo standartov "STANDARTGIZ." 1958. 89 p. (Leningrad. Vsesoiuznyi nauchno-issledovatel'skii institut metrologii. Trudy no.32) (MIRA 11:11)

1. Direktor Vsesoyuznogo nauchno-issledovatel'skogo instituta metrologii im. D.I. Mendeleyeva (for Arutyunov).
(Gravity)

SOV/169-59-5-4487

Translation from: Referativnyy zhurnal, Geofizika, 1959, Nr 5, pp 30 - 31 (USSR)

24.4200

AUTHORS: Agaletskiy, P.N., Yegorov, K.N., Martsinyak, A.I.

TITLE: The Absolute Determinations of the Acceleration of Gravity at the VNIIM Station

PERIODICAL: Tr. Vses. n.-i. in-ta metrol., 1958, Nr 32 (92), 91 p, ill.

ABSTRACT: Determinations of the absolute value of g, carried out in Washington (1936) and in Teddington (1938) yielded discrepancies of up to 20 mgal in comparison with the Potsdam system. Such large discrepancies were considered to have resulted from inaccuracies in method and insufficient evaluations of systematic errors of the measurement. Therefore, the Research Institute of Metrology in Leningrad paid a special attention to the detailed clarification of the nature of the sources of systematic errors and the methods for their exclusion, when developing the methods for fundamental determination of g. The studies were begun in 1940, interrupted by the war, and finished in 1956.

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The Absolute Determinations of the Acceleration of Gravity in the VNIIM Station

The measurements were carried out by way of three independent methods: 1) joined fall of bodies; 2) free fall of a body; 3) swinging pendulums. Three swinging pendulums with various reduced length of 40, 60 and 75 cm were used in the measurements. The rods of the pendulums were made of fused quartz glass, the bobs of brass bars. The two ends of the pendulum rods were provided with grooves covered with quartz plates. This way, openings were formed at the ends of the rods, inside of which cushions of hard glass were put on the quartz plates. All the parts made of quartz and glass were connected by the forces of molecular cohesion. The pendulums were swinging alternately within a copper vacuum vessel on fixed knife-edges produced of a special tool steel. The whole set-up was placed on concrete posts in a room the temperature of which was maintained constant by conditioning. The distances between the support bearings of the pendulums have been determined with a gaging machine, with an error which did not exceed 0.6 μ. The swinging period has been determined by using the signals of a standard generator, the maximum error of which is smaller than 3.10^{-8} sec. The duration of swinging in each individual experiment was 15 - 20 min. The adjusted value of g from

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The Absolute Determinations of the Acceleration of Gravity in the VNIIM Station

the observations of thw swinging pendulums was found to be 981.9187 ± 0.0004 cm/sec^2. Using the method of joined fall, the falling was observed in the staircase of the building of the Institute of Metrology; a metallic cylinder was falling from a height of 14 m. Within the cylinder and simultaneously with the cylinder, a brass frame was falling. Magnetic recorders fixed on the falling the wires during the fall of the cylinder. The recorders were operated by pulses from a stable generator with a frequency of 62.5 cps. The same pulses caused the flashing of an inertia-free bulb which illuminated a slit within the cylinder. The image of the slit was projected onto a photographic plate fixed on the frame falling within the cylinder. As the air of atmospheric pressure was within the cylinder, the results of observation were corrected for the effect of air. The temperature of the various sections of the steel wires was determined by means of some thermocouples. Prior to measuring the distances between the magnetic marks, the wires were strewn with iron filings forming on them characteristic strokes. The measuring of the wires was carried out by means of a calibrating tape and a metric standard on a horizontal stand. The strokes formed on the photographic plate of the falling

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SOV/169-59-5-4487

The Absolute Determinations of the Acceleration of Gravity in the VNIIM Station

frame, were measured by means of a gaging machine. The value of g was computed from the position of the frame in relation to the marks on the wires and was adjusted by the method of the least squares from 21 falls; the result was 981.9215 ± 0.0016 cm/sec^2. Using the method of free fall of a body, a metric rod was falling within an evacuated copper vessel. A photoemulsion coated the plane opposite faces of the quartz parts of the rod, and the image of the immovable slit, periodically illuminated by the flashes of an inertia-free bulb, was projected onto the photoelumsion. The bulb was operated by the pulses from a quartz timekeeper with the transformed frequency of 125 and 250 cps. The setup was placed in the gravimetric basement of the Institute where the fluctuations of temperature are very small. Fifteen falls of the rod were observed. The distances between the marks on the emulsion layer of iron were determined by means of the gaging machine. After carrying out the necessary corrections, the values of g were adjusted by the method of least squares. The final result of these experiments amounts to 981.9224 ± 0.0020 cm/sec^2. The values of g for the point of the investigations in the

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SOV/169-59-5-4487

The Absolute Determinations of the Acceleration of Gravity in the VNIIM Station

Potsdam system amounted to 981.9308. Therefore, the new determinations of g differ from the value in this system by 12.6 mgal (for the pendulums), by 9.3 mgal (for the joined fall of bodies), and by 8.1 mgal (for the free fall of a body). Bibl. 34 titles.

Yu.S. Dobrokhotov

Card 5/5

YEGOROV, K.N.

Measuring the absolute value of gravity acceleration. Izm. tekh. 20 no.1:63 Ja '59. (MIRA 11:12)
(Gravity--Measurement)

S/115/60/000/008/003/013
B019/B063

AUTHORS: Yegorov, K. N., Martsinyak, A. I.

TITLE: Determination of the Absolute Value of Gravitational Acceleration for the Location of the VNIIM

PERIODICAL: Izmeritel'naya tekhnika, 1960, No. 8, pp. 10-11

TEXT: The Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii imeni D. I. Mendeleyeva (VNIIM) (All-Union Scientific Research Institute of Metrology imeni D. I. Mendeleyev) carried out research work from 1947 to 1960 for the determination of gravitational acceleration g. g was determined with torsional pendulums according to the joint fall of two bodies (P. N. Agaletskiy's method) and according to the free fall of a quartz rod (A. I. Martsinyak's method). This work was, for the major part, finished in 1956, and the results were discussed at the Ninth General Assembly of the International Union of Geodesy and Geophysics which was held in Toronto in September, 1957. The high scientific value of this work was recognized at this conference. Further experiments were made from

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Determination of the Absolute Value of Gravitational Acceleration for the Location of the VNIIM

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1957 to 1959 by Agaletskiy's and Martsinyak's methods, in which bearing plates of molten quartz were used for the pendulums instead of glass plates. These experiments were intended to show that the results of measurement did not depend on the material of the bearing plates. g was determined from the free fall of a quartz rod in such a way that light pulses of a certain frequency incided upon the quartz rod which was coated with a photosensitive layer. g was then calculated from the increasing spacing of the blackenings. 245 values were determined by these methods with an average of 981.9192 cm/sec^2. A value of 981.919 ± 0.003 cm/sec^2 is recommended for metrological work. A value of $59^{\circ}55'06''$ is given for the latitude of the location of the VNIIM (Leningrad); the longitude is +2.7" west of Pulkovo, and the height above sea-level is 3.5 m. There are 1 table and 5 Soviet references.

Card 2/2

YEGOROV, K.N.

Methods of determining the absolute value of gravity from interference measurements of the path of free fall. Izv. AN SSSR. Ser. geofiz. no.9:1348-1356 S '63. (MIRA 16:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii im. D.I.Mendeleyeva.

YEGOROV, K., sud'ya vsesoyuznoy kategorii; GONCHARENKO, V., absolyutnyy chempion Ukrainy po planernomu sportu; KILNA, A.; EPERMANIS, Z.

In soaring flight. Kryl. rod. 16 no.9:7 S '65. (MIRA 18:12)

1. Nachal'nik Liyepayskogo obshchestvennogo kluba (for Epermanis).

KUSHNIR, F.V., ovt.red.; GAVRILOV, A.F., zasluzhennyy deyatel' nauki i tekhniki, prof., red.; DOLUKHANOV, M.P., prof., red.; YEGOROV, K.P., dots., red.; ZHDANOV, I.M., prof., red.; ZELYAKH, E.V., prof., red.; ZELIGER, N.B., prof., red.; LEBEDEV, K.N., dots., red.; ODNOL'KO, V.V., dots., red.; ROMANOVSKIY, V.B., [deceased], dots., red.; FOMICHEV, I.N., dots., red.; SHINIBEROV, P.Ya., dots., red.; SHMAKOV, P.V., zasluzhennyy deyatel' nauki i tekhniki prof., red.; GAL'CHINSKAYA, V.V., tekhn.red.

[Structure and reactivity of organic compounds] Voprosy stroeniia i reaktsionnoi sposobnosti organicheskikh soedinenii. Leningrad, 1959. 372 p. (Leningrad. Elektrotekhnicheskii institut sviazi. Trudy, no.8). (MIRA 13:11)

(Chemistry, Organic) (Chemical structure)

YEGOROV, K. P.

Osobennosti proektirovaniia sistem dal'nei vysokochastotnoi sviazi po kabeliam. /Special features of designing the systems of long distance high-frequency cable communication/. Moskva, Izd-vo let-ry po vop-rosam sviazi i radio, 1949. 107 p. diagrs., tables.

SO: SOVIET TRANSPORTATION AND COMMUNICATIONS, A BIBLIOGRAPHY, Library of Congress Reference Department, Washington, 1952, Unclassified.

YEGOROV, K. P.

Yegorov, K. P. "A differential system [of long-distance communication] with unequal arms," Sbornik trudov Leningr. elektrotekhn. in-ta svyazi im. Bonch-Bruyevicha, Issue 4, 1949, p. 55-63

SO: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 14, 1949).

YEGOROV, K. P.

"Differential Systems of Long-Distance Communications Equipment," Sbornik Trudov LEIS imeni Bonch-Bruyevich, No 6, 1949.

YEGOROV, K? P.

29214 Dal'nyaya svyaz'. Priroda, 1949, No. 9, s. 15-28

SO: Letopis' Zhurnal'nykh Statey, Vol. 39, Moskva, 1949

YEGOROV, K. P.

USSR/Electronics - Combined Systems Carrier Telephony Jul 52

"Long-Distance High-Frequency Telephone Communications Along Electric Power Transmission Lines," Cand Tech Sci I. K. Bobrovskaya, Ya. L. Bykhovskiy and K. P. Yegorov and Engrs B. S. Klebanov, V. I. Medvedev, and N. K. Myakochina

"Elektrichestvo" No 7, pp 41-46

Gives basic data for apparatus EPO-1 (single-sideband, 84 one-way channels) designed for hf telephony along power transmission lines. Work was begun in 1945 by Central Sci Res Elec Eng Lab, and prototypes were developed, with participation of this lab, by plant of Min of Commun Equip Ind in conjunction with Chair of Long-Distance Commun of Elec Eng Inst of Commun imeni Bonch-Bruyevich. Experimental samples of EPO-1 have been placed in continuous operation. Submitted 19 Oct 51.

PA 237T41

YEGOROV, K.P.; DAVYDOV, G.B., otvetstvennyy redaktor; GOROKHOVSKIY, A.V., redaktor.

[Transmission of television signals over long-distance communications lines] Peredacha televizionnykh signalov po liniiam dal'nei sviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1953. 33 p. (Lektsii po tekhnike sviazi) (MLRA 7:4)
(Television--Transmitters and transmission)

YEGOROV, K. P.

PHASE I BOOK EXPLOITATION

202

Koshcheyev, I.A.

Osnovy teorii elektricheskoy svyazi. Lineynyye sistemy s sosredotochennymi parametrami (Fundamentals of Electric Communication. Linear Systems with Lumped Parameters) Moscow Svyaz'izdat, 1954. 370 p. 20,000 copies printed.

Resp. Ed.: Yefimov, I. Ye.; Ed.: Ogarkov, P.F.; Tech. Ed.: Sokolova, R.Ya.; Reviewers (mentioned in Preface): Zelyakh, E.V., Prof., Yegorov, K.P., Docent, and Sadovskiy, A.S., Docent

PURPOSE: The book is intended as a textbook for students of higher technical schools (vtuz) specializing in communications. It was approved by the Main Administration of Schools of the Ministry of Communications of the USSR.

COVERAGE: See Table of Contents.
There are 6 references, all of which are Soviet(including 1 translation).

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AVAILABLE: Library of Congress (TK 5101 .K6)

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Card 9/9

YEGOROV, K.P., dotsent, kandidat tekhnicheskikh nauk.

Terminology in theoretical electrical engineering. Elektrichestvo no.3:72 Mr '54. (MLRA 7:4)

1. Kafedra dal'ney svyazi LEIS im. Bonch-Bruyevicha.
(Electric engineering--Terminology)

YEGOROV, K.P., laureat Stalinskoy premii, kandidat tekhnicheskikh nauk; VOSTOKOV, M.N.; NECHAY, F.A.; GURVITS, Sh.F.

Remarks on IU.M.Korobov's article "What a telephone apparatus should be like." Vest.sviazi 14 no.2:30-31 F '54. (MLRA 7:5)

1. Zaveduyushchiy kafedroy LEIS (for Yegorov). 2. Glavnyy inzhener 3-go Glavnogo upravleniya MESKP (for Vostokov). 3. Ispolnyayushchiy obyazannost' inzhenera Kiyevskoy gorodskoy telefonnoy seti (for Nechay). 4. Nachal'nik proizvodstvennoy laboratorii (for Gurvits).
(Korobov, IU.M.) (Telephone--Apparatus and supplies)

Translation M-888, 12 Dec SS

YEGOROV, K.P.

PHASE I BOOK EXPLOITATION 453

Yegorov, K. P. and Tikhanov, G. P.

Konstruirovaniye apparatury dal'ney svyazi (Designing of Long-distance Communications Equipment) Moscow, Gosenergoizdat, 1955. 422 p. 5,000 copies printed.

Ed.: Stipakov, I. S.; Tech. Ed.: Voronetskaya, L. V.

Reviewer: G. G. Borozdiuk.

PURPOSE: The monograph is intended for electrical engineers, but may also be used by technicians and students in the higher grades at vtuzes offering courses in electrical engineering.

COVERAGE: Account is given of technical designs and methods on which is based the construction of modern long-distance communications systems. Data on equipment components and design of units are presented in close connection with the technology of their production. Soviet equipment design and problems of mounting and shielding are reviewed. Reference data are contained in appendices.

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K. P. Yegorov wrote chapters 1, 4, 5, 6, 7, 8, 9, 10 and 14. G. P. Tikhanov wrote chapters 2, 3, 11, 15 and 16. Chapters 12 and 13 were written jointly by the two authors. The authors thank the following personalities for their help: N. N. Shol'ts, T. S. Kloracheva, V. M. Sorokin (deceased), B. S. Klebanov, Ya. I. Velikin, L. I. Rabkin, P. P. Averin, Ya. F. Luzyanin, D. A. Yermolayev and I. V. Tideman. There are 39 references, 23 of which are Soviet, 9 English, 7 German.

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